

Respectfully submitted,

Date: May 13, 2001

By:

Anthony P. Venturino
Registration No. 31,674

APV/pgw

ATTORNEY DOCKET NO. APV

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
1615 L STREET, N.W., SUITE 850
WASHINGTON, D.C. 20036
TEL. 202-785-0100 / FAX. 202-408-5200

卷之三

ATTACHMENT I

Marked up set of claims

1. (Amended) A method of producing at least one member of the group consisting of L-prolyl-L-m-sarcolysyl-L-p-fluorophenylalanine, a lower alkyl ester thereof and [and/or] acid addition salts thereof,

wherein L-p-fluorophenylalanine with a protected carboxyl group is caused to react with L-m-sarcolysine with a protected amino group and an activated carboxy group, L-m-sarcolysyl-L-p-fluorophenylalanine with a protected amino group and with a protected carboxy group being obtained, and subsequently the amino protection group is removed,

afterwards the obtained L-m-sarcolysyl-L-p-fluorophenylalanine with a protected carboxy group is caused to react with proline with a protected amino group and an activated carboxy group, L-prolyl-L-m-sarcolysyl-L-p-fluorophenylalanine with a protected amino group being obtained, and the amino protection group being removed, and the lower alkyl ester group being optionally removed or converted into another ester group and/or the compound obtained being converted into an acid addition salt.

2. (Amended) The method according to claim 1, wherein the condensation is carried out with cooling in an anhydrous medium[, e.g. in chloroform].

3. (Amended) The method according to claim 1 [or 2], wherein the activated carboxy groups were activated through treatment with dicyclohexylcarbodiimid.

4. (Amended) The method according to [one of the claims 1 to 3] claim 1, wherein the carboxy protection group of L-p-fluorophenylalanine is a lower alkyl ester group[, preferably an ethyl ester group].

5. (Amended) The method according to [one of the claims 1 to 4] claim 1, wherein the amino protection group of the L-m-sarcolysine is a carbobenzoxy group.

6. (Amended) The method according to [one of the claims 1 to 5] claim 1, wherein the removal of the amino protection group of the L-m-sarcolysyl-L-p-fluorophenylalanine with a protected amino group is carried out through treatment with hydrogen bromide in glacial acetic acid.

7. (Amended) The method according to [one of the claims 1 to 6] claim 1, wherein the removal of the amino protection group of the L-prolyl-L-m-sarcolysyl-L-p-fluorophenylalanine with a protected amino group [<is carried out>]] is carried out through reduction with hydrogen in the presence of palladium on carbon.